

FURTHER NEW GENUS-GROUP NAMES IN THE
CICADELLIDAE (HEMIPTERA)

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Abstract.—**New replacement names** are proposed for 11 genera or subgenera of leafhoppers in the subfamilies Coelidiinae, Ledrinae, Macropsinae, Scarinae, Typhlocybiniae, and Ulopiniae: *Davduospina* for *Duosspina* Davies, *Dialodia* for *Lodia* Nielson, *Doowella* for *Woodella* Evans, *Hobemanella* for *Bohemanella* DeLong & Freytag (subgenus of *Polana*), *Latycephala* for *Platycephala*, *Lesinda* for *Selinda* Theron, *Lonnia* for *Nollia* Hamilton, *Negoneura* for *Genoneura* Dlabola, *Olidiana* for *Lodiana* Nielson, *Ruana* for *Urana* Coelho & Nessimian (subgenus of *Gypona*), and *Varpulana* for *Parvulana* DeLong & Freytag (subgenus of *Polana*). The new generic names circumscribe 116 valid species, 93 of which are here proposed in **new combinations**. Twenty-two of the remainder are in preoccupied scarine subgenera. *Lodiana pectinata* Yang & Zhang (1995) is preoccupied by *L. pectinata* Nielson (1982)—the **new replacement name** *Olidiana yangi* McKamey is proposed to replace the junior primary homonym. One of the new combinations involves a known vector of phytopathogens, the sandal leafhopper (now *Olidiana indica* [Walker]). The spellings of *Humpatagallia* Linnavuori & Viraktamath (Agalliinae) and *Limassolla* Dlabola (Typhlocybiniae) are fixed as correct.

Key Words: leafhoppers, Homoptera, Auchenorrhyncha, new genus, sandal spike vector

Numerous generic homonyms were discovered while preparing a database of world leafhoppers. Eleven new generic names were previously proposed for homonyms in the subfamilies Deltocephalinae and Selenocephalinae (McKamey 2003). This is the second in a series of new generic names and includes all remaining subfamilies except Evacanthinae and Idiocerinae, which will be dealt with separately.

Two leafhopper genera were spelled multiple ways in their original descriptions: *Humpatagallia* Linnavuori & Vir-

aktamath (1973a: 485; Agalliinae) and *Limassolla* Dlabola (1965e: 663; Typhlocybiniae). The principle of first revisor (ICZN; International Commission on Zoological Nomenclature 1999, Art. 24) is here applied to fix the above original spellings as correct, and the authorship is unchanged. The alternate spellings, *Humptagallia* and *Limasolla*, are incorrect.

The correct combination of the sandal leafhopper, an important vector of sandal spike disease in Myanmar and India (Nielson 1968b), is now *Olidiana indica*

(Walker). Out-dated combinations appearing in literature include *Coelidia indica* or *Lodiana indica*.

The taxa are arranged alphabetically within their respective higher taxon. Letter designations for literature citations through 1985 are consistent with the bibliographies by Metcalf (1964a) and Oman et al. (1990).

SUBFAMILY COELIDIINAE

***Dialodia* McKamey, new name**

Dialodia, *nomen novum* for *Lodia* Nielson 1982e: 222, preoccupied by *Lodia* Baird & Girard 1853. Type species by original designation: *Lodia glabrosa* Nielson.

***Dialodia alyssae*, new combination**

Lodia alyssae Nielson 1996: 149 [n. sp.].

***Dialodia glabrosa*, new combination**

Lodia glabrosa Nielson 1982e: 224 [n. sp.].

***Dialodia negans*, new combination**

Lodia negans Nielson 1982e: 227 [n. sp.].

***Dialodia parapectinata*, new combination**

Lodia parapectinata Nielson 1988: 240 [n. sp.].

***Dialodia pectinata*, new combination**

Lodia pectinata Nielson 1982e: 225 [n. sp.].

***Dialodia proxima*, new combination**

Lodia proxima Nielson 1982e: 227 [n. sp.].

***Selinda* McKamey, new name**

Selinda, *nomen novum* for *Selinda* Theron 1986: 161, preoccupied by *Selinda* Moore 1883. Type species by original designation: *Selinda bruggeni* Theron.

***Selinda bruggeni*, new combination**

Selinda bruggeni Theron 1986: 161 [n. sp.].

***Olidiana* McKamey, new name**

Olidiana, *nomen novum* for *Lodiana* Nielson 1982e: 86, preoccupied by *Lodiana* Ragonot 1888. Type species by original designation: *Lodiana alata* Nielson.

***Olidiana alata*, new combination**

Lodiana alata Nielson 1982e: 115 [n. sp.].

***Olidiana alvea*, new combination**

Lodiana alvea Nielson 1991: 461 [n. sp.].

***Olidiana aperta*, new combination**

Lodiana aperta Nielson 1982e: 103 [n. sp.].

***Olidiana bedardi*, new combination**

Lodiana bedardi Nielson 1982e: 128 [n. sp.].

***Olidiana bifurcata*, new combination**

Lodiana bifurcata Nielson 1982e: 117 [n. sp.].

***Olidiana bigemina*, new combination**

Lodiana bigemina Zhang 1990: 105 [n. sp.].

***Olidiana biungulata*, new combination**

Lodiana biungulata Nielson 1982e: 113 [n. sp.].

***Olidiana boninensis*, new combination**

Coelidia boninensis Matsumura 1914b: 82 [n. sp.].

Lodiana boninensis: Nielson 1982e: 134 [n. comb.].

***Olidiana brevis*, new combination**

Tetigonia brevis Walker 1851b: 774 [n. sp.].

Lodiana brevis: Nielson 1982e: 132 [n. comb.].

***Olidiana brevisina*, new combination**

- Lodiana brevisina* Zhang 1990: 104 [n. sp.].
- Olidiana brevissima*, **new combination**
- Lodiana brevissima* Zhang 1990: 106 [n. sp.].
- Olidiana cladopenis*, **new combination**
- Lodiana cladopenis* Zhang 1990: 101 [n. sp.].
- Olidiana corneola*, **new combination**
- Lodiana corneola* Nielson 1982e: 114 [n. sp.].
- Olidiana ctenostyla*, **new combination**
- Lodiana ctenostyla* Nielson 1991: 457 [n. sp.].
- Olidiana cupraria*, **new combination**
- Coelidia cupraria* Walker 1857b: 173 [n. sp.].
- Lodiana cupraria*: Nielson 1982e: 108 [n. comb.].
- Olidiana curta*, **new combination**
- Lodiana curta* Nielson 1982e: 91 [n. sp.].
- Olidiana curvispinata*, **new combination**
- Lodiana curvispinata* Zhang 1994: 81 [n. sp.].
- Olidiana fasciculata*, **new combination**
- Lodiana fasciculata* Nielson 1982e: 99 [n. sp.].
- Olidiana fissa*, **new combination**
- Lodiana fissa* Nielson 1991: 460 [n. sp.].
- Olidiana flavofascia*, **new combination**
- Lodiana flavofascia* Zhang 1994: 97 [n. sp.].
- Olidiana fringa*, **new combination**
- Lodiana fringa* Zhang 1994: 104 [n. sp.].
- Olidiana furcata*, **new combination**
- Lodiana furcata* Nielson 1991: 453 [n. sp.].
- Olidiana genista*, **new combination**
- Lodiana genista* Nielson 1982e: 129 [n. sp.].
- Olidiana gladia*, **new combination**
- Lodiana gladia* Nielson 1991: 458 [n. sp.].
- Olidiana hamularis*, **new combination**
- Lodiana hamularis* Xu 2000a: 219 [n. sp.].
- Olidiana huangi*, **new combination**
- Lodiana huangi* Zhang 1994: 80 [n. sp.].
- Olidiana huoshanensis*, **new combination**
- Lodiana huoshanensis* Zhang 1994: 86 [n. sp.].
- Olidiana indica*, **new combination**
- Coelidia indica* Walker 1851b: 855 [n. sp.].
- Lodiana indica*: Nielson 1982e: 137 [n. comb.].
- Olidiana knowltoni*, **new combination**
- Lodiana knowltoni* Nielson 1982e: 101 [n. sp.].
- Olidiana kodeti*, **new combination**
- Lodiana kodeti* Nielson 1982e: 124 [n. sp.].
- Olidiana kuohi*, **new combination**
- Lodiana kuohi* Xu 2000a: 221 [n. sp.].
- Olidiana lamina*, **new combination**
- Lodiana lamina* Nielson 1982e: 91 [n. sp.].
- Olidiana laminapellucida*, **new combination**
- Lodiana laminapellucida* Zhang 1994: 104 [n. sp.].
- Olidiana laminispinosa*, **new combination**
- Lodiana laminispinosa* Zhang 1994: 105 [n. sp.].
- Olidiana longilamina*, **new combination**

Lodiana longilamina Zhang 1994: 88 [n. sp.].

Olidiana marginifrons, **new combination**

Coelidia marginifrons Walker 1870b: 310 [n. sp.].

Lodiana marginifrons: Nielson 1982e: 96 [reinst.; n. comb.].

Olidiana mecistenata, **new combination**

Lodiana mecistenata Yang [in Yang & Zhang 1995: 41; n. sp.].

Olidiana munda, **new combination**

Lodiana munda Nielson 1982e: 107 [n. sp.].

Olidiana mutabilis, **new combination**

Lodiana mutabilis Nielson 1982e: 120 [n. sp.].

Olidiana neilsoni, **new combination**

Lodiana neilsoni Zhang 1994: 76 [n. sp.].

Olidiana nigradorsum, **new combination**

Lodiana nigradorsum Cai & Shen 1998: 42 [n. sp.].

Olidiana nocturna, **new combination**

Jassus nocturnus Distant 1908g: 332 [n. sp.].

Lodiana nocturna: Nielson 1982e: 137 [n. comb.].

Olidiana opulenta, **new combination**

Jassus opulentus Distant 1908g: 336 [n. sp.].

Lodiana opulenta: Nielson 1982e: 134 [n. comb.].

Olidiana ornata, **new combination**

Lodiana ornata Nielson 1982e: 127 [n. sp.].

Olidiana parapectinata, **new combination**

Lodiana parapectinata Nielson 1991: 456 [n. sp.].

Olidiana pectinata, **new combination**

Lodiana pectinata Nielson 1982e: 110 [n. sp.].

Olidiana pectiniformis, **new combination**

Lodiana pectiniformis Zhang 1994: 87 [n. sp.].

Olidiana pectita, **new combination**

Jassus pectitus Distant 1908g: 329 [n. sp.].

Lodiana pectita: Nielson 1982e: 99 [n. comb.].

Olidiana peniculata, **new combination**

Lodiana peniculata Nielson 1982e: 111 [n. sp.].

Olidiana perbrevis, **new combination**

Lodiana perbrevis Nielson 1991: 453 [n. sp.].

Olidiana perculta, **new combination**

Jassus percultus Distant 1908g: 337 [n. sp.].

Lodiana perculta: Nielson 1982e: 131 [n. comb.].

Olidiana platyfasciata, **new combination**

Lodiana platyfasciata Xu 2000a: 218 [n. sp.].

Olidiana polyspinata, **new combination**

Lodiana polyspinata Zhang 1994: 107 [n. sp.].

Olidiana praetextus, **new combination**

Jassus praetextus Distant 1908g: 338 [n. sp.].

Lodiana praetextus: Nielson 1982e: 122 [n. comb.].

Olidiana recurvata, **new combination**

Lodiana recurvata Nielson 1998: 129 [n. sp.].

Olidiana reidi, **new combination**

Lodiana reidi Nielson 1982e: 106 [n. sp.].

Olidiana ritcheri, **new combination**

Lodiana ritcheri Nielson 1982e: 118 [n. sp.].

Olidiana ritcheriina, **new combination**

Lodiana ritcheriina Zhang 1990: 102 [n. sp.].

Olidiana scopae, **new combination**

Lodiana scopae Nielson 1982e: 124 [n. sp.].

Olidiana scutopunctata, **new combination**

Lodiana scutopunctata Zhang 1994: 83 [n. sp.].

Olidiana serra, **new combination**

Lodiana serra Nielson 1982e: 97 [n. sp.].

Olidiana setacea, **new combination**

Lodiana setacea Nielson 1982e: 120 [n. sp.].

Olidiana signata, **new combination**

Lodiana signata Zhang 1994: 91 [n. sp.].

Olidiana singularis, **new combination**

Lodiana singularis Nielson 1991: 454 [n. sp.].

Olidiana spiculata, **new combination**

Lodiana spiculata Nielson 1982e: 93 [n. sp.].

Olidiana spina, **new combination**

Lodiana spina Zhang 1990: 103 [n. sp.].

Olidiana spira, **new combination**

Lodiana spira Nielson 1991: 458 [n. sp.].

Olidiana tantula, **new combination**

Lodiana tantula Nielson 1991: 459 [n. sp.].

Olidiana tongmaiensis, **new combination**

Lodiana tongmaiensis Zhang 1994: 79 [n. sp.].

Olidiana uenoi, **new combination**

Lodiana uenoi Hayashi 1995: 197 [n. sp.].

Olidiana unica, **new combination**

Lodiana unica Nielson 1982e: 95 [n. sp.].

Olidiana ventrosola, **new combination**

Lodiana ventrosola Nielson 1982e: 103 [n. sp.].

Olidiana viraktamathi, **new combination**

Lodiana viraktamathi Nielson 1991: 455 [n. sp.].

Olidiana xanthopronotata, **new combination**

Lodiana xanthopronotata Zhang 1994: 75 [n. sp.].

Olidiana zhengi, **new combination**

Lodiana zhengi Zhang 1994: 106 [n. sp.].

Olidiana yangi McKamey, **new name**

Lodiana pectinata Yang & Zhang 1995: 40; n. sp. Preoccupied by *L. pectinata* Nielson (1982e).

SUBFAMILY LEDRINAE

Latycephala McKamey, **new name**

Latycephala, *nomen novum* for *Platycephala* Ge 1992: 250, preoccupied by *Platycephala* Fallén 1820. Type species by original designation: *Platycephala tortilla* Ge.

Latycephala decussata, **new combination**

Platycephala decussata Ge 1992: 252 [n. sp.].

Latycephala graminea, **new combination**

Platycephala graminea Ge 1992: 253 [n. sp.].

Latycephala laminata, **new combination**

Platycephala laminata Ge 1992: 253 [n. sp.].

Latycephala tortilla, **new combination**

Platycephala tortilla Ge 1992: 251 [n. sp.].

SUBFAMILY MACROPSINAE

Lonnia McKamey, **new name**

Lonnia, *nomen novum* for *Nollia* Hamilton 1983d: 19, preoccupied by *Nollia*

Eisenack 1979. Type species by original designation: *Neopsis pallidus* Linnavuori & DeLong 1977c.

Lonnia pallida, **new combination**

Neopsis pallidus Linnavuori & DeLong 1977c: 175 [n. sp.].

Nollia pallida: Hamilton 1983d: 19 [n. comb.].

Lonnia rustica (Hamilton), **new combination**

Nollia rustica Hamilton 1983d: 20 [n. comb.].

SUBFAMILY SCARINAE

A historical, perhaps more familiar name for Scarinae is Gyponinae.

Hobemanella McKamey, **new subgeneric name**

Hobemanella, *nomen novum* for *Polana* (*Bohemanella*) DeLong & Freytag 1972f: 242, preoccupied by *Bohemanella* Ramme 1951. Type species by original designation: *Gypona bohemani* Stål.

Polana (*Hobemanella*) *bohemani*, **new subgeneric combination**

Gypona bohemani Stål 1864a: 81 [n. sp.].

Polana (*Bohemanella*) *bohemani*: DeLong & Freytag 1972f: 247 [n. subg. comb.].

Polana (*Hobemanella*) *alia*, **new subgeneric combination**

Polana (*Bohemanella*) *alia* DeLong & Freytag 1972f: 247 [n. sp.].

Polana (*Hobemanella*) *ardua*, **new subgeneric combination**

Polana (*Bohemanella*) *ardua* DeLong & Freytag 1972f: 253 [n. sp.].

Polana (*Hobemanella*) *assula*, **new subgeneric combination**

Polana (*Bohemanella*) *assula* DeLong & Freytag 1972f: 249 [n. sp.].

Polana (*Hobemanella*) *celsa*, **new subgeneric combination**

Polana (*Bohemanella*) *celsa* DeLong & Freytag 1972f: 250 [n. sp.].

Polana (*Hobemanella*) *chelata*, **new subgeneric combination**

Polana (*Bohemanella*) *chelata* DeLong & Freytag 1972f: 244 [n. sp.].

Polana (*Hobemanella*) *chifama*, **new subgeneric combination**

Polana (*Bohemanella*) *chifama* DeLong & Freytag 1972f: 250 [n. sp.].

Polana (*Hobemanella*) *elabora*, **new subgeneric combination**

Polana (*Bohemanella*) *elabora* DeLong & Freytag 1972f: 252 [n. sp.].

Polana (*Hobemanella*) *macula*, **new subgeneric combination**

Polana (*Bohemanella*) *macula* DeLong & Freytag 1972f: 252 [n. sp.].

Polana (*Hobemanella*) *orbita*, **new subgeneric combination**

Polana (*Bohemanella*) *orbita* DeLong & Freytag 1972f: 252 [n. sp.].

Polana (*Hobemanella*) *resilara*, **new subgeneric combination**

Polana (*Bohemanella*) *resilara* DeLong & Freytag 1972f: 249 [n. sp.].

Polana (*Hobemanella*) *resupina*, **new subgeneric combination**

Polana (*Bohemanella*) *resupina* DeLong & Freytag 1972f: 244 [n. sp.].

Polana (*Hobemanella*) *retenta*, **new subgeneric combination**

Polana (*Bohemanella*) *retenta* DeLong & Freytag 1972f: 247 [n. sp.].

Polana (*Hobemanella*) *scela*, **new subgeneric combination**

Polana (*Bohemanella*) *scela* DeLong & Freytag 1972f: 253 [n. sp.].

Polana (*Hobemanella*) *belema*, **new subgeneric combination**

Polana (Bohemanella) belema DeLong 1984e: 45 [n. sp.].

Polana (Hobemanella) luteonota, **new subgeneric combination**

Polana (Bohemanella) luteonota DeLong 1979e: 154 [n. sp.].

Polana (Hobemanella) putara, **new subgeneric combination**

Polana (Bohemanella) putara DeLong 1979d: 298 [n. sp.].

***Ruana* McKamey, new subgeneric name**

Ruana, *nomen novum* for *Gypona (Urana)* Coelho & Nessimian 1991: 557, preoccupied by *Urana* Melichar 1901. Type species by original designation: *Gypona (Urana) urata* Coelho & Nessimian.

Gypona (Ruana) urata, **new subgeneric combination**

Gypona (Urana) urata Coelho & Nessimian 1991: 557 [n. sp.].

***Varpulana* McKamey, new subgeneric name**

Varpulana, *nomen novum* for *Polana (Parvulana)* DeLong & Freytag 1972f: 289, preoccupied by *Parvulana* Fagot 1891. Type species by original designation: *Polana (Parvulana) alata* DeLong & Freytag.

Polana (Varpulana) alata, **new subgeneric combination**

Polana (Parvulana) alata DeLong & Freytag 1972f: 292 [n. sp.].

Polana (Varpulana) bidens, **new subgeneric combination**

Polana (Parvulana) bidens DeLong & Freytag 1972f: 290 [n. sp.].

Polana (Varpulana) pandara, **new subgeneric combination**

Polana (Parvulana) pandara DeLong & Freytag 1972f: 290 [n. sp.].

Polana (Varpulana) tulara, **new subgeneric combination**

Polana (Parvulana) tulara DeLong & Freytag 1972f: 290 [n. sp.].

SUBFAMILY TYPHLOCYBINAE

***Negoneura* McKamey, new name**

Negoneura, *nomen novum* for *Genoneura* Dlabola 1994: 78, preoccupied by *Genoneura* Matthew 1889. Type species by original designation: *Genoneura alboviridis* Dlabola.

Negoneura alboviridis, **new combination**

Genoneura alboviridis Dlabola 1994: 80 [n. sp.].

SUBFAMILY ULOPINAE

***Davduospina* McKamey, new name**

Davduospina, *nomen novum* for *Duospina* Davies 1988: 58, preoccupied by *Duospina* Hodges 1966. Type species by original designation: *Cephalelus capensis* Evans.

Davduospina capensis, **new combination**

Cephalelus capensis Evans 1947c: 145 [n. sp.].

Duospina capensis: Davies 1988: 58 [n. comb.].

Davduospina sheilae, **new combination**

Duospina sheilae Davies 1988: 62 [n. sp.].

Davduospina twanella, **new combination**

Duospina twanella Davies 1988: 60 [n. sp.].

***Doowella* McKamey, new name**

Doowella, *nomen novum* for *Woodella* Evans 1966a: 87, preoccupied by *Woodella* Haque 1956. Type species by original designation: *Woodella wanungarae* Evans.

Doowella wanungarae, **new combination**

Woodella wanungarae Evans 1966a: 87 [n. sp.].

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